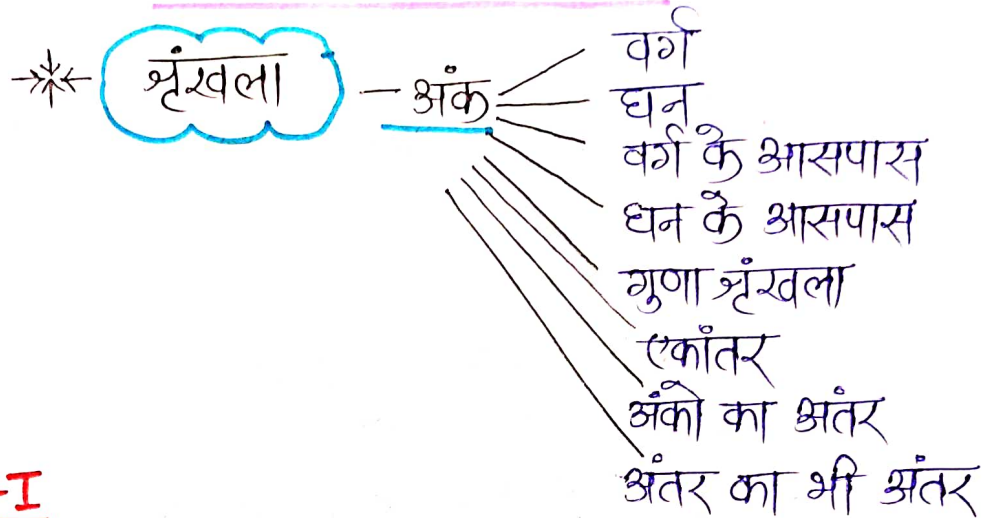


ROJGAR WITH ANKIT

संख्या श्रृंखला (Number Series)



Type-I

(A) वर्ग श्रृंखला (Square Series)

(1). 4, 16, 36, 64, ? 100 Ans
 $(2)^2$ $(4)^2$ $(6)^2$ $(8)^2$ $(10)^2$

(2). 51, 66, 83, 102, 123, 146, ? 171 Ans
 $(7)^2$ $(8)^2$ $(9)^2$ $(10)^2$ $(11)^2$ $(12)^2$ $(13)^2$
+ + + + + + +
2 2 2 2 2 2 2

(3). 170, 198, 228, 260, 294, ? 330 Ans
 $(13)^2$ $(14)^2$ $(15)^2$ $(16)^2$ $(17)^2$ $(18)^2$
+ + + + + + +
1 2 3 4 5 6

(4). 78, 97, 118, 141, 166, ? 193 Ans
 $(9)^2$ $(10)^2$ $(11)^2$ $(12)^2$ $(13)^2$ $(14)^2$
- - - - - - -
-3 -3 -3 -3 -3 -3

(5). 120, 142, 166, 192, 220, ? 250 Ans
 $(11)^2$ $(12)^2$ $(13)^2$ $(14)^2$ $(15)^2$ $(16)^2$
-1 -2 -3 -4 -5 -6

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(6). $30, 42, 56, 72, 90, ?$ 110 Ans
 $\underbrace{30 \quad 42}_{12} \quad \underbrace{42 \quad 56}_{14} \quad \underbrace{56 \quad 72}_{16} \quad \underbrace{72 \quad 90}_{18} \quad \underbrace{90 \quad ?}_{20}$

(7). $110, 132, 156, 182, 210, ?$ 240 Ans
 $\underbrace{110 \quad 132}_{22} \quad \underbrace{132 \quad 156}_{24} \quad \underbrace{156 \quad 182}_{26} \quad \underbrace{182 \quad 210}_{28} \quad \underbrace{210 \quad ?}_{30}$

(B) घन श्रृंखला (Cube Series)

(1). $8, 27, 64, 125, ?$ 216 Ans
 $(2)^3 \quad (3)^3 \quad (4)^3 \quad (5)^3 \quad (6)^3$

(2). $10, 29, 66, 127, 218, ?$ 345 Ans
 $(2)^3 \quad (3)^3 \quad (4)^3 \quad (5)^3 \quad (6)^3 \quad (7)^3$
 $+2 \quad +2 \quad +2 \quad +2 \quad +2 \quad +2$

(OR)

$10, 29, 66, 127, 218, ?$ 345 Ans
 $\underbrace{10 \quad 29}_{19} \quad \underbrace{29 \quad 66}_{37} \quad \underbrace{66 \quad 127}_{61} \quad \underbrace{127 \quad 218}_{91} \quad \underbrace{218 \quad ?}_{127}$
 $\underbrace{19}_{18} \quad \underbrace{37}_{24} \quad \underbrace{61}_{30} \quad \underbrace{91}_{36}$

(3). $126, 218, 346, 516, 734, ?$ 1006
 $(5)^3 \quad (6)^3 \quad (7)^3 \quad (8)^3 \quad (9)^3 \quad (10)^3$
 $+1 \quad +2 \quad +3 \quad +4 \quad +5 \quad +6$

(4). $25, 62, 123, 214, 341, ?$ 510
 $(3)^3 \quad (4)^3 \quad (5)^3 \quad (6)^3 \quad (7)^3 \quad (8)^3$
 $-2 \quad -2 \quad -2 \quad -2 \quad -2 \quad -2$

(5). $342, 510, 726, 996, 1326, ?$ 1722 Ans
 $\underbrace{342 \quad 510}_{168} \quad \underbrace{510 \quad 726}_{216} \quad \underbrace{726 \quad 996}_{270} \quad \underbrace{996 \quad 1326}_{330} \quad \underbrace{1326 \quad ?}_{396}$
 $\underbrace{168}_{48} \quad \underbrace{216}_{54} \quad \underbrace{270}_{60} \quad \underbrace{330}_{66}$

(6). $2, 10, 30, 68, 130, ?$ 222 Ans
 $\underbrace{2 \quad 10}_{8} \quad \underbrace{10 \quad 30}_{20} \quad \underbrace{30 \quad 68}_{38} \quad \underbrace{68 \quad 130}_{62} \quad \underbrace{130 \quad ?}_{92}$
 $\underbrace{8}_{12} \quad \underbrace{20}_{18} \quad \underbrace{38}_{24} \quad \underbrace{62}_{30}$

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(7). 5, 6, 10, 19, 35, ? 60 Ans

1 4 9 16 25

(8). 147, 153, 159, 165, ? 171 Ans

6 6 6 6

(9). 7, 10, 15, 22, 31, 42, ? 55 Ans

3 5 7 9 11 13

(10). 119, 114, 109, 104, 99, ? 94 Ans

-5 -5 -5 -5

(11). 15, 14, 12, 9, 5, 0, ? -6 Ans

-1 -2 -3 -4 -5 -6